

Unit 3.

Paper

Filing

Paper Filing

- Get forms at:
 - <http://www.fcc.gov/formpage.html>
- You will need:
 - Main form 601
 - Schedule D
 - Schedule H
- You may also need other forms for FCC Registration Number and antenna registration.

Main Form 601

- Contains basic information
- File one Form 601 for every six fixed station locations

Radio Service Authorization

1) Radio Service Code: PW	1a) Existing Radio Service Code:
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General Information

2) (Select only one) ()	
NE - New MD - Modification AM - Amendment	RO - Renewal Only RM - Renewal/Modification CA - Cancellation of License
AU - Administrative Update WD - Withdrawal of Application DU - Duplicate License	NT - Required Notifications EX - Requests for Extension of Time RL - Registered Location/Link
3a) If this application is for a <u>D</u> evelopmental License, <u>D</u> emonstration License, or a <u>S</u> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter ' <u>N</u> ' (Not Applicable).	() <u>D</u> <u>M</u> <u>S</u> <u>N/A</u> N
3b) If this application is for Special Temporary Authority due to an emergency situation, enter 'Y'; otherwise enter 'N'. Refer to Rule 1.915 for an explanation of situations considered to be an emergency.	() <u>Yes</u> <u>No</u>
4) If this application is for an Amendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.	File Number
5) If this application is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, Duplicate License, or Administrative Update, enter the call sign of the existing FCC license. If this is a request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.	Call Sign
6) If this application is for a New, Amendment, Renewal Only, or Renewal/Modification, enter the requested authorization expiration date (this item is optional).	MM DD /
7) Is this application "major" as defined in §1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's Rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of §1.929).	() <u>Yes</u> <u>No</u> N
8) Are attachments (other than associated schedules) being filed with this application?	() <u>Yes</u> <u>No</u> Y

Fees, Waivers, and Exemptions

9) Is the Applicant exempt from FCC application fees?	() <u>Yes</u> <u>No</u> Y
10) Is the Applicant exempt from FCC regulatory fees?	() <u>Yes</u> <u>No</u> Y
11a) Does this application include a request for a Waiver of the Commission's Rule(s)? If 'Yes', attach an exhibit providing rule number(s) and explaining circumstances.	() <u>Yes</u> <u>No</u> N
11b) If 11a is 'Y', enter the number of rule sections involved.	Number of Rule Section(s):
12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	() <u>Yes</u> <u>No</u> N

Applicant Information

13) FCC Registration Number (FRN):

get this online and enter the FRN number

14) Applicant/Licensee Legal Entity Type: (Select One)

☐ Individual ☐ Unincorporated Association ☐ Trust ☐ Government Entity ☐ Corporation ☐ Limited Liability Company☐ General Partnership ☐ Limited Partnership ☐ Limited Liability Partnership ☐ Consortium☐ Other: _____**enter as appropriate**

15) If the Licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to another party and for which proper Commission approval has not been received or proper notification not provided?

☐ Yes ☒ No

16) First Name (if individual):

MI:

Last Name:

Suffix:

17) Legal Entity Name (if other than individual):

enter organization's information

18) Attention To:

19) P.O. Box:

And/Or

20) Street Address:

21) City:

22) State:

23) Zip Code:

24) Telephone Number:

25) FAX:

26) E-Mail Address:

27) Demographics (Optional):**Race:**☐ American Indian or Alaska Native☐ Asian☐ Black or African-American☐ Native Hawaiian or Other Pacific Islander☐ White**Ethnicity:**☐ Hispanic or Latino☐ Not Hispanic or Latino**Gender:**☐ Male☐ Female**optional info****Real Party in Interest**

28) Name of Real Party in Interest of Applicant (If different from Applicant):

29) FCC Registration Number (FRN) of Real Party in Interest:

Contact Information (If different from the Applicant)**(X) Check here if same as Applicant.**

30) First Name:

MI:

Last Name:

Suffix:

31) Company Name:

enter organization's information

32) Attention To:

only if different from above, otherwise**the checkbox (shown) will do**

33) P.O. Box:

And/Or

34) Street Address:

35) City:

36) State:

37) Zip Code:

38) Telephone Number:

39) FAX:

40) E-Mail Address:

() Common Carrier () Non-Common Carrier (X) Private, internal communications () Broadcast Services () Band Manager

Type of Radio Service

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):

(X) Fixed () Mobile () Radiolocation () Satellite (sound) () Broadcast Services

43) Does the Applicant propose to provide service interconnected to the public telephone network? (N) Yes No

Alien Ownership Questions (If any answer is 'Y', provide an attachment explaining the circumstances)

44) Is the Applicant a foreign government or the representative of any foreign government? (N) Yes No

45) Is the Applicant an alien or the representative of an alien? (N) Yes No

46) Is the Applicant a corporation organized under the laws of any foreign government? (N) Yes No

47) Is the Applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? (N) Yes No

48a) Is the Applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? (N) Yes No

48b) If the answer to 48a is 'Y', has the Applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service(s) and geographic coverage area(s) involved in this filing? (N/A) Yes No

If the answer to 48b is 'Y', attach an exhibit that identifies the citation(s) of the applicable declaratory ruling(s) by DA/FCC number of the FCC Record citation, if available, release date, and any other identifying information

If the answer to 48b is 'N', attach to this filing a date-stamped copy of a request for a foreign ownership ruling pursuant to Section 310(b) (4) of the Communications Act.

Basic Qualification Questions

49) Has the Applicant or any party to this application had any FCC station authorization, license or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? (N) Yes No

50) Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court? (N) Yes No

51) Has any court finally adjudged the Applicant or any party directly or indirectly controlling the Applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition? (N) Yes No

If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.

Aeronautical Advisory Station (Unicom) Certification

52) (X) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application.

Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership

53a) Will the requested facilities be used to provide multichannel video programming service? (N/A) Yes No

53b) If the answer to question 53a is 'Y', does Applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located within the geographic service area of the requested facilities? (N/A) Yes No

Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the Applicant complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.

Broadband Radio Service and Educational Broadband Service (Part 27)

54) (For EBS only) Does the Applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules? (N/A) Yes No

Note: If the answer to item 54 is 'N', attach an exhibit explaining how the Applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.

55) (For BRS and EBS) Does the Applicant comply with Sections 27.50, 27.55, and 27.1221 of the Commission's Rules? (N/A) Yes No

Note: If the answer to item 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.

- because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.
- 2) The Applicant certifies that grant of this application would not cause the Applicant to be in violation of any pertinent cross-ownership or attribution rules.*
*If the Applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.
- 3) The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
- 4) The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR § 1.2002(c). See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification.
- 5) The Applicant certifies that it either (1) has current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application, or (3) is not required to file ownership data under the Commission's Rules.
- 6) The Applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either: (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 C.F.R. 1.1307(b); or, (2) have been found not to cause human exposure to levels of radiofrequency radiation in excess of the limits specified in 47 C.F.R. 1.1310 and 2.1093; or, (3) are the subject of one or more Environmental Assessments filed with the Commission.
- 7) The Applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).
- 8) The Applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.

Signature

5) Typed or Printed Name of Party Authorized to Sign

First Name:	MI:	Last Name:	Suffix:
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57) Title: **sign and date**

Signature:	58) Date:
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FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

Upon grant of this license application, the Licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).

Schedule D

- Provides station location information
- File one Schedule D for each station location
- Up to six station locations allowed per main form 601

Action Requested: () <u>Add</u> <u>Mod</u> <u>Del</u> enter appropriate code		2) Location Number: new=FX, renewal=existing call	
Location Description: fixed		4) Area of Operation Code: N/A for fixed	5) Location Name: optional 20 character name
FCC Antenna Structure Registration # or N/A (FAA Notification not Required): N/A unless near airport or on tower			
Latitude (DD-MM-SS.S): NAD83 (N) <u>N</u> or <u>S</u>		8) Longitude (DDD-MM-SS.S): NAD83 (W) <u>E</u> or <u>W</u>	
note lat – lon entry is DDD MM SS.S format			
Street Address, Name of Landing Area, or Other Location Description:			
9) City: ✓	11) State: ✓	12) County/Borough/Parish: ✓	
13) Elevation of Site AMSL (meters) ('a' in antenna structure example): ground level elevation above sea level	14) Overall Ht AGL Without Appurtenances (meters) ('b' in antenna structure example): height above ground of the the antenna mounting structure	15) Overall Ht AGL With Appurtenances (meters) ('c' in antenna structure example): Item 14 plus the height of the antenna.	
3) Support Structure Type: see FCC's table			
7) Location Number: (only for Area of Operation Code 'A')	18) Radius (km):	19) Airport Identifier:	20) Site Status:
17-23 do not apply to fixed stations. Leave blank.			
1) Maximum Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner)		22) Maximum Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner)	
NAD83 () <u>N</u> or <u>S</u>		NAD83 () <u>E</u> or <u>W</u>	
3) Do you propose to operate in an area that requires frequency coordination with Canada? () Yes No FCC Main form instructions list counties where Canadian coordination is required.			
4) Description: (only for Area of Operation Code 'O') N/A			
5) Number of Units: <u> </u> Hand Held <u> </u> Mobile <u> </u> Temporary Fixed <u> </u> Aircraft <u> </u> Itinerant N/A			
6) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? See Section 1.1307 of 47 CFR. (N) Yes No If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311.			
7a) If the site is located in one of the Quiet Zones listed in Item 27b of the Instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified: <u> </u> / <u> </u> / <u> </u> The Quiet Zone affects areas of VA and WV. See FCC instructions if appropriate.			
7b) Has the Applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? () Yes No			
3) Do you propose to operate in an area that requires frequency coordination with Mexico? (N) Yes No Mexican coordination is not required for ALERT, regardless of location.			

Schedule H

- Provides frequency and emission location
- Ties information back to the corresponding Schedule D entries
- Multiple antennas and frequencies may be assigned to each Schedule D location

Private Land Mobile and Land Mobile Broadcast Auxiliary
Radio Services (Parts 90 and 74)

Eligibility

1) Rule Section:

90.173 (c)

2) Describe Activity:

"Collect hydrologic data in cooperation with the federal government. See attached federal coordination letter."

Frequency Coordinator Information (if not self-coordinated)

3) Frequency Coordination Number	4) Name of Frequency Coordinator	5) Telephone Number	6) Coordination Date
"Self-coordinated through IRAC Federal Hydrologic Validation Process"			

7) Has this application been successfully coordinated?

yes, see attachment

(Y) Yes/No

Extended Implementation (Slow Growth)

8) Are you requesting a new or modified extended implementation plan?

If 'Yes', attach an exhibit with a justification and a proposed station construction schedule.

(N) Yes/No

Associated Call Signs (Attach additional sheets if required)

9)				

Broadcast Auxiliary Only

If there is an associated
Parent Station, complete
Items 10-12.**N/A**10) Facility Id of Parent
Station:11) Radio Service of
Parent Station:12) City and State of Parent Station Principal
Community:

13) If there is no associated parent station, this Applicant is a: ()

Broadcast Network Entity Television Cable Operator Motion Picture Producer Television Producer

14) State of Primary Operation:

Control Point(s) (Other than at the transmitter) (Attach additional sheets if required)

15) Action A/M/D	16) Control Point Number	17) Location Street Address, City or Town, County/Borough/Parish, State	18) Telephone Number
		For ALERT, this is typically the administrative address and location.	

Antenna Information

19) Action () A/M/D	20) Location Number	21) Antenna Number	22) AAT (meters)	23) Antenna Ht. (meters)	24) Azimuth (degrees)	25) Beamwidth (degrees)	26) Polarization	27) Gain (dB)
A	1	1	N/A					
A	2	1	N/A					
A	3	1	N/A					
A	4	1	N/A					
A	5	1	N/A					
A	6	1	N/A					
<p>This example assumes there are six locations listed on six schedule D's. Each line represents one location.</p> <p>The example also assumes there is one new antenna per location.</p> <p>line 19 = enter add, modify, or delete as required line 20 = the corresponding location number from line 2, schedule D. line 21 = the “first” antenna at that location (note: if the license was previously issued by the FCC, the FCC will assign a callsign and location number for reference. Use these if applicable.) line 22 = not required for ALERT line 23 = antenna height. Use entry from Schedule D, item 15 line 24 = antenna direction or 360 if omnidirectional line 25 = antenna beamwidth (from manufacturer) or 360 if omnidirectional line 26 = usually “V” for vertical line 27 = from manufacturer</p>								

Frequency Information

28) Action () A/M/D	29) Location Number	30) Antenna Number	31) Frequency (MHz)		32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
A	1	1	Existing (if mod)	New						
A	2	1	Existing (if mod)	New						
A	3	1	Existing (if mod)	New						
A	4	1	Existing (if mod)	New						
A	5	1	Existing (if mod)	New						
A	6	1	Existing (if mod)	New						
			Existing (if mod)	New						
			Existing (if mod)	New						

This example assumes there are six locations listed on six schedule D's.
Each line represents one location.

The example also assumes there is one new transmitter frequency per location.
I

line 28 = enter add, modify, or delete as required

line 29 = the corresponding location number from line 2, schedule D.

line 30 = the "first" antenna at that location

(note: if the license was previously issued by the FCC, the FCC will assign a callsign and location number for reference. Use these if applicable.)

line 31 = enter the appropriate transmitter frequency

line 32 = enter "FX" for "fixed"

line 33 = enter "1"

line 34 = N/A or leave blank

line 35 = enter output power (from manufacturer)

line 36 = enter effective radiated power, which is a calculation derived from output power and antenna gain. (Manufacturer may be able to provide.)

line 37 = usually "11KF2D" for narrowbanded ALERT transmitters (obtain from manufacturer)

			Existing (if mod)	New						
			Existing (if mod)	New						